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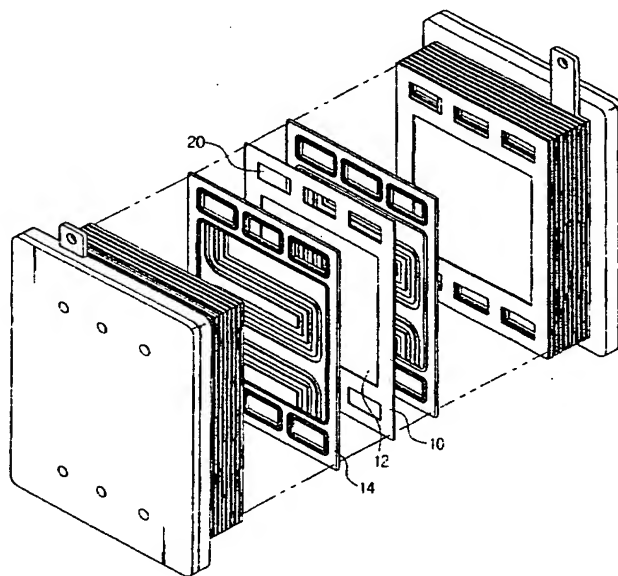
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(54) Title: A SEALING STRUCTURE FOR POLYMER ELECTROLYTE FUEL CELL



(57) Abstract: The present invention relates to a sealing structure for polymer electrolyte fuel cell, which comprises a bipolar plate with sealing groove to be filled with rubber using a dispenser; and a gasket interposed between the bipolar plate and a membrane electrode assembly. That is, according to the present invention, the thickness deviation in a gasket can be softened by interposing a gasket between a rubber and a membrane electrode assembly after filling rubber in a sealing groove formed on a bipolar plate using a dispenser. Also, nonuniform stress distribution can be resolved because a gasket covers with a pressure despite the height deviation of rubber, and a stress is not directly transmitted to a membrane electrode assembly and dispersed by a gasket despite nonuniform stress distribution.

WO 2004/107488 A1



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